

OUTGAS PREVENTION IN ELECTROOPTICAL PACKAGES

Abstract of the Disclosure

A hermetic package having connectors, such as optical fibers or electrical leads, connected and bonded thereto with a bonding material such as epoxy resin, has the bonding material coated with a single layer or multiple layers of sealing material, such as chromium, copper, gold, tungsten, titanium, nickel, or aluminum, to prevent outgased material from the bonding material from entering the hermetic package enclosure. The bonding material may be recessed prior to coating of the sealing material to permit the sealing material to be polished from the optical element and the optical element polished flush with the inside of the package while leaving the sealing material covering the bonding material.